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**United States Environmental Protection Agency
Region V
POLLUTION REPORT**

EPA Region 5 Records Ctr.



236757

Date: Friday, January 20, 2006

From: Verneta Simon, Anita Boseman, Tom Cook, OSC

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Subject: Calumet Container
3631 State Line Avenue, Hammond, IN
Latitude: 41.9769
Longitude: -87.5236

POLREP No.: 8	Site #: 0566
Reporting Period:	D.O. #:
Start Date: 9/28/2005	Response Authority: CERCLA
Mob Date:	Response Type: Time-Critical
Completion Date:	NPL Status: Non NPL
CERCLIS ID #: IND980500193	Incident Category: Removal Action
RCRIS ID #:	Contract #

Site Description

The Calumet Container site is located at 3631 State Line Avenue in Hammond, Lake County, Indiana. The site occupies approximately 11 acres of in a mixed industrial and residential area. Approximately 90 percent of the property lies in Indiana while the remaining 10 percent is situated in Illinois. The site is bounded to the north by 136th Street and by the Indiana Harbor Belt Railway in every other direction. Wolf Lake, an interstate and recreational fishing lake, is located approximately 100 yards north of the site. Powderhorn Lake, another recreational lake, is located approximately 60 yards southwest of the site. The geographic coordinates for the site are latitude 41° 38' 57" north and longitude 87° 31' 25" west.

See Initial POLREP for additional information.

Current Activities

Work resumed on January 3, 2006. Bucko excavated former stockpile area on north side. Test trenches were dug between access/haul road and pipeline easement. 1-3" was scraped off haul/access road. Plans were finalized for backfill.

On Wednesday January 4, 2006, Bucko resumed loading out soil. 5,200 gallons of green liquid were removed from site by vacuum tanker. 1-3" was finished being scraped off the haul road.

On Thursday January 5, 2006, Bucko continued to load out soil. Areas that failed confirmation sampling were excavated further. Green liquid continued to be removed from the site.

On Friday January 6, 2006, work was continued from yesterday January 5, 2006.

During the week of January 9, 2006, Tom Bloom with U.S. EPA was on site.

On Monday January 9, 2006, test trenches were dug on the north side of site. The walls and base of the trenches were screened using an XRF. Trenches that were below action levels were backfilled. Work started to regrade the south side of the site. An engineer from EQM (Neil Morstadt) visited the site to assess the nature of the green liquid on the site and to recommend treatment options. A sample of clear water was collected and sent for analysis.

On Tuesday January 10, 2006, test trenches were excavated on the north side of the site. Soil was stockpiled for load out. Backfilling was started on the entrance gate area.

On Wednesday January 11, 2006, hot spots were excavated in the pond area and along the north side of the parking lot. The stockpiling of soil for load out was completed. The parking lot area and pond area were backfilled after being confirmed clean. Results of the clear liquid were received; the "clear" liquid contains higher concentrations of volatile organics than the "green" liquid. The volatile organic concentrations in both samples exceed IDEM RISC default closure levels for industrial properties.

On Thursday January 12, 2006, the confirmed clean trenches were finished being backfilled. Stockpiled soil was hauled to Three Oaks Michigan for disposal. The southern portion of the site was regraded. Green liquid continued to be pumped. Jim Ursic and Steve Peterson with U.S. EPA checked the conductivity of the standing water on site. There appears to be no correlation between the color of the water and fluid conductivity.

On Friday January 13, 2006, work was stopped due to heavy rains.

On Monday January 16, 2006, grids that failed confirmation sampling were excavated further. The south side of the site was regraded.

On Tuesday January 17, 2006, work was postponed due to heavy rain. The groundwater

monitoring well abandonment logs were submitted. A Hazardous Waste Handler ID form and Form OS were submitted to IDEM Office of Land Quality in compliance with small quantity generator regulations.

On Wednesday January 18, 2006, ERRS began using clay to backfill the site. Representatives from the U.S. EPA Contracts Office were on the site. Backfilling continued through January 20, 2006.

Planned Removal Actions

Begin backfilling the site using limestone fines (tunnel sand).

Remove contaminated soil surrounding bedrock monitoring well in southern portion of site.

Remove visible contamination along east wall in southern portion of the site.

Key Issues

A total of 59 of the 68 approximately 50-foot by 50-foot grids have been excavated and sampled. The analytical results from the base of each grid indicate that organic and inorganic contaminants have been removed to below IDEM RISC default closure levels for industrial properties.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$1,950,000.00	\$1,614,696.51	\$335,303.49	17.20%
RST/START	\$39,000.00	\$31,437.64	\$7,562.36	19.39%
Intramural Costs				
Total Site Costs	\$1,989,000.00	\$1,646,134.15	\$342,865.85	17.24%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

Lead and organics-contaminated soil - 30,500.64 tons

Recyclable scrap - 500 cubic yards
 Wood chips - 1,400 cubic yards
 Brush - 90 cubic yards
 Tires - 60 cubic yards
 Non-hazardous, non-DOT regulated groundwater - 20,800 gallons

Waste Stream	Quantity	Manifest #	Disposal Facility
Lead and organics-contaminated soil	3,460.72 tons	511063	Forest Lawn Landfill, Inc. 8230 West Forest Lawn Road Three Oaks, MI 49128
Non-hazardous, non-DOT regulated groundwater	5,200 gallons	IL11816691	Clean Harbors Services Inc. 11800 South Stony Island Avenue Chicago, IL 60617
Non-hazardous, non-DOT regulated groundwater	5,400 gallons	IL11816693	Clean Harbors Services Inc. 11800 South Stony Island Avenue Chicago, IL 60617
Non-hazardous, non-DOT regulated groundwater	5,100 gallons	IL11816692	Clean Harbors Services Inc. 11800 South Stony Island Avenue Chicago, IL 60617
Non-hazardous, non-DOT regulated groundwater	5,100 gallons	IL11816799	Clean Harbors Services Inc. 11800 South Stony Island Avenue Chicago, IL 60617

www.epaossc.net/CalumetContainer